Job code: 005-22-000001
Est cost: 25.00 lakhs

1st & final

**M. A. R. 57 (Rule 116)**
Measurement Book

**No. B**

500785

Serial No. .....
Name of Work Maintenance of Water Supply From To boreWells at Bellahalli, Thirumenahalli and Cholkanahalli Surrounding area in Ward NO-05 Byatarayanapura
Name of Contractor of nature of Agency
Date of commencement of work
Sub Division

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Work order NO: BBMP/EE/BTP/WO/48/21-22 Dt. 9/3/22 | | | | | | |
| | Name of Contractor: Sri. Narayana Rao. S. | | | | | | |
| (1) | Labour charges of Lifting of non functioning Submersible pump set along with cable & 91 pipes. | @ ₹ 114.42/ Each | | | | UDA 2800.0 NO = 320376=00 | |
| (2) | Transportation of pumping Machinery | @ ₹ 944.73/ UD | | | | UDA:- 45.0 NO = 42513=00 | |

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## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (3) | Rewinding of Submersible pumpset | | | | | 10HP | |
| | @ ₦ 5022.81/each | | | | | UDA = | 7.0No 35160=00 |
| (4) | Rewinding of pumpset 7.5HP | | | | | UDA | 8.0No |
| | @ ₦ 4011.95/No | | | | | = | 32096=00 |
| (5) | Rewinding of submersible pump set | | | | | 12.5HP | |
| | @ ₦ 6174.48/each | | | | | UDA = | 15.0No 92662=00 |
| (6) | Rewinding Submersible pumpset | | | | | 15.0HP | 15.0No |
| | @ ₦ 6082.26/each | | | | | = | 91324=00 |
| (7) | pump Bowl | | | | | UDA | 140.0No |
| | @ ₦ 323.31/each | | | | | = | 45263=00 |
| (8) | Intermediate pipe (I.P) with IP Coated Rotary | | | | | UDA | 45.0No |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500786

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | @ ₦ 750.54/each | | | = | 33774=00 |
| (9) | Upper Flange | | | | | UDA | 45.0No |
| | | | @ ₦ 346.40/each | | | = | 15588=00 |
| (10) | Lower Housing | | | | | UDA | 45.0No |
| | @ ₦ 565.79/each | | | | | = | 25461=00 |
| (11) | Guide Vane | | | | | UDA | 90.0No |
| | @ ₦ 202.07/each | | | | | = | 18186=00 |
| (12) | Impeller Shaft moulded with aluminum Bronze | | | | | UDA | 45.0No |
| | @ ₦ 277.12/each | | | | | = | 12470=00 |

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## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (13) | Discharge outlet - (D.O) Bearing @ ₹ 548.47/ Each | | | | | D.O steel Bush UOQ = 45.0 NO = 24681 = 00 | |
| (14) | pump shaft - made out of stainless steel @ ₹ 692.80/ Each | | | | | UOQ = 30.0 NO = 20784 = 00 | |
| (15) | pump Cupling (stainless steel) @ ₹ 357.95/ Each | | | | | UOQ = 45.0 NO = 16108 = 00 | |
| (16) | Stud & Nuts @ ₹ 92.37/ Each | | | | | UOQ = 60.0 NO = 5542 = 00 | |
| (17) | Motor Base with pin @ ₹ 427.23/ Each | | | | | UOQ = 30.0 NO = 12817 = 00 | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500787

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (18) | Starter (with one year Guarantee) @ ₹ 5300.99/ each | | | | | UOQ = 30.0 NO = 159030 = 00 | |
| (19) | Rotor (with one year Guarantee) @ ₹ 4933.59/ each | | | | | UOQ = 30.0 NO = 148008 = 00 | |
| (20) | carban housing @ ₹ 498.61/ each | | | | | UOQ = 35.0 NO = 17451 = 00 | |
| (21) | Thrust bearing Blank assembly Complete @ ₹ 1207.16/ each | | | | | UOQ = 45.0 NO = 54322 = 00 | |

Assistant Executive Engineer
Byatarayanapura Sub Division

Scanned by CamScanner

## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (22) | Oil Steel | @ ₹ 131.21 / each | | | | UDQ = | 45.0 No 5904=00 |
| (23) | Oil seal Steel Bush | @ ₹ 157.46 / Ea | | | | UDQ = | 45.0 No 7086=00 |
| (24) | D.O Bearing | @ ₹ 299.16 / each | | | | UDQ = | 45.0 No 13462=00 |
| (25) | Steel Bush | @ ₹ 157.46 / each | (Std to 210 | 33062 | | UDQ = | 214.0 No 33696=00 |
| (26) | Allen Screw | @ ₹ 26.24 / each | | | | UDQ = | 20.0 No 525=00 |
| (27) | Pump Key. (Stainless Steel) | @ ₹ 131.21 / each | | | | = | 45.0 No 5904=00 |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

Serial No. .....

500788

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (28) | Non-Return Valve (NRV) | | @ ₹ 447.10 / Cay | | | UDQ = | 30.0 No 42513=00 |
| (29) | Cable Guard | | @ ₹ 157.46 / each | | | UDQ = | 45.0 No 7086=00 |
| (30) | Streiner | @ ₹ 157.46 / each | | | | UDQ = | 45.0 No 7086=00 |
| (31) | Brass Filter | @ ₹ 262.43 / each | | | | UDQ = | 45.0 No 11809=00 |

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## MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (32) | Labour Charges @ ₹ 583.63/each | | | | | UDA = | 45.0 No 26263=00 |
| (33) | Re-erection Charges of pumping machinary @ ₹ 997.2/each | | | | | UDA = | 45.0 No 44875=00 |
| (34) | Tank Ring @ ₹ 89.22/each | | | | | UDA = | 50.0 No 4461=00 |
| (35) | Labour Charges (Over Hauling only) @ ₹ 498.61/each | | | | | UDA = | 45.0 No 22437=00 |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500789

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (36) | Top carban/ Ferrodo padding @ ₹ 57.46/ each | | | | | UDA = | 45.0 No 7086=00 |
| (37) | Bearing (Gunmetal) cast Aluminium Bronze @ ₹ 419.88/each | | | | | UDA = | 45.0 No 18895=00 |
| (38) | Circlips @ ₹ 52.49/each | | | | | UDA = | 45.0 No 2362=00 |
| (39) | Supplying & fixing of porcelain tube channel with cut-out existing TODDY/ panel @ ₹ 57.46/ each | | | | | UDA | 90.0 No |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| (40) | Uncoiling & GI pipe 50mm dia @ ₹ 26.24/ each | | | | | UDA = 11546=00 | 440 NO |
| (41) | Supplying & Submersible pump cable @ ₹ 151.16/m | | | | | UDA = 314110=00 | 2078.0 m |
| (42) | Supplying & fixing MCB @ ₹ 944.73/ each | | | | | UDA = 42513=00 | 45.0 NO |
| (43) | Supplying & laying & L.T. U/G Cable @ ₹ 178.40/m | | | | | UDA = 23594=00 | 132.0 m |
| (44) | Digging & trenches 0.6m x 0.90 mtr in width Refilling | | | | | | |

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500790

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | @ ₹ 59.47/Rmt | | | UDA = 7850=00 | 132.0 m |
| (45) | Earthwork Excavation for water Supply & Sanitary Line | | @ ₹ 332.69/m³ | | | UDA = 90053=00 | 270.08 m³ |
| (46) | providing & installing at site & 6 kg/cm² | | @ ₹ 413.92/Rmt | | | UDA = 331964=00 | 802.0 Rmt 63 m.m PVC |

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | (47) Refilling available earth around pipeline @ ₹ 134.63/m³ | | | | | UDq 270.68 m³ = 36442 = 00 | |
| | (48) Supplying & delivery of 20 m.m Gate valve @ ₹ 1889.46/Each | | | | | UDq 10.0 Nos = 18895 = 00 | |
| | Total A PWD SR Rate 18/19(41960) | | | | | 1541513 = 1867406 = 00 | |
| | Add 12.1, 45% on PWD SR | | | | | 833972 = 1009527 = 00 | |
| | | | | | | 61050 = 61050 = 00 | |
| | | | | | | 2436582 = 2437200 = 00 | |
| | | | | | | Round off :- 2436000/- | |
| | (1) It is certified that the above work done satisfactorily | | | | | | |
| | (2) Above Bill amount has not been paid in any of prior Bill. | | | | | | |

21/12/22
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರವರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

21/12

M. A. R. 57 (Rule 116)
Measurement Book

No. B

500791

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | | | | | | |



21/12/22
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಎಂಜಿನಿಯರವರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

21/12

Assistant Executive Engineer
Byatarayanapura Sub Division

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# MEASUREMENT BOOK

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | Venkateshwara Nagar Road | | | | | | |
| | L-90m | | | | | | |
| | L-120m | | | | | | |
| | L-120m | | | | | | |
| | L-120m | | | | | | |
| | L-60m | | | | | | |
| | Venkateshwara Layout- | | | | | | |
| | 21/12/22 | | | | | | |
| | 21/12 | | | | | | |
| | Assist. Engineer | | | | | | |

B.B.M.P Bangalore-560024

M. A. R. 57 (Rule 116)
Measurement Book

No. B 500793

Serial No. 1st & final

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

| Date | Full description, etc, of work | Dimensions | | | | Contents | Reference to last Measurement |
|---|---|---|---|---|---|---|---|
| | | Number | Length | Breadth | Depth | | |
| 1 | P1802 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | ಲೆಕ್ಕಶೀರ್ಷಿಕೆ Water Supply New Area ರಡಿ | | | 1st Final | 2436000.00 | M.B. Final | |
| | ಚಲ್ತು ಮೊಬಲಗು ರೂ. 2436000/- ಗಳನ್ನು ಪಾಸು ಮಾಡಿದೆ | | | It | 24360.00 | | |
| | ಇದರಲ್ಲಿ ರೂ. 176000/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ | | | Cest | 24360.00 | | |
| | ಮಾಡಿಕೊಂಡು ರೂ. 2260000/- ಗಳನ್ನು | | | SQST | 243.60.00 | | |
| | FINANCE/IRTES ಯವರಿಂದ ಪಡೆಯಲಾಗಿದೆ | | | Ech | 2436.00 | | |
| | 10/3/23 | | | CBF | 2436. | | |
| | | | | Fine | 3044.00 | | |
| | | | | FSD | 73150.03 | | |
| | | | | Ded | 176000.00 | | |
| | | | | Net Payable | 2260000.00 | | |

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